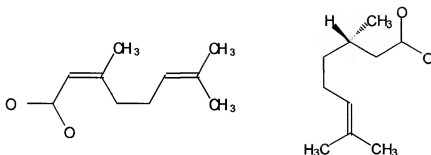


**AMENDMENTS TO THE CLAIMS:**

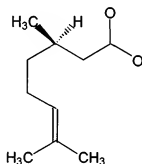
This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A method to repel an insect comprising applying to an object an insect repellent comprising ~~at least one acetal or semi-acetal~~ of an acyclic terpene ( $C_{10}$ ), wherein ~~the acetal or semi-acetal radicals in each case themselves represent a terpene radical ( $C_{10}$ ) to an object~~ said acyclic terpene is an acyclic terpene radical having two oxygen atom radicals with i) a terpene radical attached to one of said oxygen atom radicals and a hydrogen attached to the other oxygen atom radical or ii) a terpene radical attached to each of said oxygen atom radicals.
2. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~acetal or semi-acetal radicals are in each case~~ terpene radical is saturated.
3. (Currently amended) The method according to Claim 1, wherein the ~~acetal or semi-acetal radicals are in each case~~ terpene radical is single or double unsaturated.
4. (Currently amended) The method according to Claim 1, wherein the acyclic terpene radical ( $C_{10}$ ) exhibits one of the following structures:



5. (Withdrawn - Currently amended) The method according to Claim 4, wherein the acyclic terpene radical ( $C_{10}$ ) exhibits the following structure:



6. (Withdrawn - Currently amended) The method according to Claim 1, wherein the acetal acyclic terpene is a cis-3,7-dimethyl-2,6-octadienal-trans-3,7-dimethyl-2,6-octadienyl-acetal (neral geranylacetal, Structure 5a) or a cis-3,7-dimethyl-2,6-octadienal-di(trans-3,7-dimethyl-2,6-octadienyl)-acetal (neral digeranylacetal, Structure 5b).

7. (Withdrawn - Currently amended) The method according to Claim 1, wherein the octadienal-octadienylacetal acyclic terpene is a cis-3,7-dimethyl-2,6-octadienal-R-(-)-3,7-dimethyl-1,6-octadien-3-yl-acetal (neral-(-)-linalylacetal, Structure 6a) or a cis-3,7-dimethyl-2,6-octadienal-di(R-(-)-3,7-dimethyl-1,6-octadien-3-yl)-acetal (neral di-(-)-linalylacetal, Structure 6b).

8. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~octadienal-octadienylacetal~~ acyclic terpene is a cis-3,7-dimethyl-2,6-octadienal-cis-3,7-dimethyl-2,6-octadienyl-acetal (neral nerylacetal, Structure 7a) or a cis-3,7-dimethyl-2,6-octadienal-di(cis-3,7-dimethyl-2,6-octadienyl)-acetal (neral dinerylacetal, Structure 7b).

9. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~octadienal-octadienylacetal~~ acyclic terpene is a trans-3,7-dimethyl-2,6-octadienal-trans-3,7-dimethyl-2,6-octadienyl-acetal (geranial geranylacetal, Structure 8a) or a trans-3,7-dimethyl-2,6-octadienal-di(trans-3,7-dimethyl-2,6-octadienyl)-acetal (geranial digeranylacetal, Structure 8b).

10. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~octadienal-octadienylacetal~~ acyclic terpene is a trans-3,7-dimethyl-2,6-octadienal-R-(-)-3,7-dimethyl-1,6-octadien-3-yl-acetal (geranial-(-)-linalylacetal, Structure 9a) or a trans-3,7-dimethyl-2,6-octadienal-di(R-(-)-3,7-dimethyl-1,6-octadien-3-yl)-acetal (geranial di-(-)-linalylacetal, Structure 9b).

11. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~octadienal-octadienylacetal~~ acyclic terpene is a trans-3,7-dimethyl-2,6-octadienal-cis-3,7-dimethyl-2,6-octadienyl-acetal (geranial nerylacetal, Structure 10a) or a trans-3,7-dimethyl-2,6-octadienal-di(cis-3,7-dimethyl-2,6-octadienyl)-acetal (geranial dinerylacetal, Structure 10b).

12. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~octenal~~

~~o~~ctadienylacetal acyclic terpene is an R-(+)-3,7-dimethyl-6-octenal-trans-3,7-dimethyl-2,6-octadienyl-acetal ((+)-citronellal geranylacetal, Structure 11a) or an R-(+)-3,7-dimethyl-6-octenal-di(trans-3,7-dimethyl-2,6-octadienyl)-acetal ((+)-citronellal digeranylacetal, Structure 11b).

13. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~o~~ctenal ~~o~~ctadienylacetal acyclic terpene is an R-(+)-3,7-dimethyl-6-octenal-R-(-)-3,7-dimethyl-1,6-octadien-3-yl-acetal ((+)-citronellal(-)-linalylacetal, Structure 12a) or an R-(+)-3,7-dimethyl-6-octenal-di(R-(-)-3,7-dimethyl-1,6-octadien-3-yl)-acetal ((+)-citronellal di(-)-linalylacetal, Structure 12b).

14. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~o~~ctenal ~~o~~ctadienylacetal acyclic terpene is an R-(+)-3,7-dimethyl-6-octenal-cis-3,7-dimethyl-2,6-octadienyl-acetal ((+)-citronellal nerylacetal, Structure 13a) or an R-(+)-3,7-dimethyl-6-octenal-di(cis-3,7-dimethyl-2,6-octadienyl)acetal ((+)-citronellal dinerylacetal, Structure 13b).

15. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~o~~ctenal ~~o~~ctadienylacetal acyclic terpene is an S-(-)-3,7-dimethyl-6-octenal-trans-3,7-dimethyl-2,6-octadienyl-acetal ((-)-citronellal geranylacetal, Structure 14a) or an S-(-)-3,7-dimethyl-6-octenal-di(trans-3,7-dimethyl-2,6-octadienyl)-acetal ((-)-citronellal digeranylacetal, Structure 14b).

16. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~o~~ctenal ~~o~~ctadienylacetal acyclic terpene is an S-(-)-3,7-dimethyl-6-octenal-R-(-)-3,7-dimethyl-1,6-

octadien-3-yl-acetal ((-)-citronellal(-)-linalylacetal, Structure 15a) or an S-(-)-3,7-dimethyl-6-octenal-di(R-(-)-3,7-dimethyl-1,6-octadien-3-yl)-acetal ((-)-citronellal di(-)-linalylacetal, Structure 15b).

17. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetenal~~ ~~oetadienylacetal~~ acyclic terpene is an S-(-)-3,7-dimethyl-6-octenal-cis-3,7-dimethyl-2,6-octadienyl-acetal ((-)-citronellal nerylacetal, Structure 16a) or an S-(-)-3,7-dimethyl-6-octenal-di(cis-3,7-dimethyl-2,6-octadienyl)acetal ((-)-citronellal dinerylacetal, Structure 16b).

18. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetenal~~ ~~oetenylacetal~~ acyclic terpene is an R-(+)-3,7-dimethyl-6-octenal-R-(+)-3,7-dimethyl-6-octenyl-acetal ((+)-citronellal-(+)-citronellylacetal, Structure 17a) or an R-(+)-3,7-dimethyl-6-octenal-di(R-(+)-3,7-dimethyl-6-octenyl)-acetal ((+)-citronellal di-(+)-citronellylacetal, Structure 17b).

19. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetenal~~ ~~oetadienylacetal~~ acyclic terpene is an R-(+)-3,7-dimethyl-6-octenal-S-(-)-3,7-dimethyl-6-octenyl-acetal ((+)-citronellal(-)-citronellylacetal, Structure 18a) or an R-(+)-3,7-dimethyl-6-octenal-di(S-(-)-3,7-dimethyl-6-octenyl)-acetal ((+)-citronellal di(-)-citronellylacetal, Structure 18b).

20. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetenal~~ ~~oetenylacetal~~ acyclic terpene is an S-(-)-3,7-dimethyl-6-octenal-R-(+)-3,7-dimethyl-6-octenyl-acetal ((-)-citronellal-(+)-citronellylacetal, Structure 19a) or an S-(-)-3,7-dimethyl-6-octenal-di(R-(+)-3,7-dimethyl-6-octenyl)-acetal ((-)-citronellal di-(+)-citronellylacetal, Structure 19b).

21. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetadial~~ ~~oetadienylacetal~~ acyclic terpene is an S-(-)-3,7-dimethyl-6-octenal-S-(-)-3,7-dimethyl-6-octenyl-acetal ((-)-citronellal-(-)-citronellylacetal, Structure 20a) or an S-(-)-3,7-dimethyl-6-octenal-di(S-(-)-3,7-dimethyl-6-octenyl)-acetal ((-)-citronellal di(-)-citronellylacetal, Structure 20b).

22. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetadial~~ ~~oetadienylacetal~~ acyclic terpene is a cis-3,7-dimethyl-2,6-octadialen-R-(+)-3,7-dimethyl-6-octenyl-acetal (neral-(+)-citronellylacetal, Structure 21a) or a cis-3,7-dimethyl-2,6-octadialen-di(R-(+)-3,7-dimethyl-6-octenyl)-acetal (neral di(+)-citronellyl acetal, Structure 21b).

23. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetadial~~ ~~oetadienylacetal~~ acyclic terpene is a trans-3,7-dimethyl-2,6-octadialen-R-(+)-3,7-dimethyl-6-octenyl-acetal (geranial-(+)-citronellylacetal, Structure 22a) or a trans-3,7-dimethyl-2,6-octadialen-di(R-(+)-3,7-dimethyl-6-octenyl)-acetal (geranial di(+)-citronellyl acetal, Structure 22b).

24. (Withdrawn - Currently amended) The method according to Claim 1, wherein the ~~oetadial~~ ~~oetadienylacetal~~ acyclic terpene is a cis-3,7-dimethyl-2,6-octadialen-S-(-)-3,7-dimethyl-6-octenyl-acetal (neral-(-)-citronellylacetal, Structure 23a) or a cis-3,7-dimethyl-2,6-octadialen-di(S-(-)-3,7-dimethyl-6-octenyl)-acetal (neral di(-)-citronellyl acetal, Structure 23b).

25. (Withdrawn - Currently amended) The method according to Claim 1, wherein the

~~octadienal~~ ~~octadienyl~~ ~~acetal~~ acyclic terpene is a trans-3,7-dimethyl-2,6-octadienal-S-(-)-3,7-dimethyl-6-octenyl-acetal (geranial(-)-citronellyl acetal, Structure 24a) or a trans-3,7-dimethyl-2,6-octadienal-di(S-(-)-3,7-dimethyl-6-octenyl)-acetal (geranial di(-)-citronellyl acetal, Structure 24b).

26. (Withdrawn) The method according to Claim 1, wherein said insect repellent further comprises a saturated or unsaturated, aliphatic carboxylic acid C1 - C12.

27. (Withdrawn) The method according to Claim 1 wherein said insect repellent further comprises benzoate selected from trans-3,7-dimethyl-2,6-octadienyl benzoate (geranyl benzoate, Structure 45), cis-3,7-dimethyl-2,6-octadienyl benzoate (neryl benzoate, Structure 46), R-(-)-3,7-dimethyl-1,6-octadien-3-yl benzoate ((-)-linalyl benzoate, Structure 47), R-(+)-p-menth-1-en-8-yl benzoate ((+)-terpinyl benzoate, 48), S-(-)-p-menth-1-en-8-yl benzoate ((-)-terpinyl benzoate, 49), R-(+)-3,7-dimethyl-6-octenyl benzoate ((+)-citronellyl benzoate, 50), S-(-)-3,7-dimethyl-6-octenyl benzoate ((-)-citronellyl benzoate, 51) or free benzoic acid or a mixture of these compounds.

28. (Withdrawn) The method according to Claim 1, wherein said insect repellent further comprises p-mentha-3,8-diol, selected from cis-p-mentha-3,8-diol (cis-isopulegol hydrate, Structure 52) or trans-p-mentha-3,8-diol (trans-isopulegol hydrate, Structure 53) or a mixture of them.

29. (Withdrawn) The method according to Claim 1, wherein said insect repellent further

comprises hydroxy octanal selected from R-(+)-3,7-dimethyl-7-hydroxy octanal ((+)-citronellal hydrate, Structure 54) or an S-(-)-3,7-dimethyl-7-hydroxy octanal ((-)-citronellal hydrate, Structure 55) or a mixture of them.

30. (Withdrawn) The method according to Claim 1, wherein said insect repellent further comprises (2<sup>≡</sup>,4aR<sup>≡</sup>,7R,8aR<sup>≡</sup>, -2-((R)-2,6-dimethylhept-5-enyl)-4,4,7-trimethylhexohydro-benzo[1,3]dioxin (trans-(+)-citronellal-p-mentha-3,8-diylacetal, Structure 56) or (2<sup>≡</sup>,4aR<sup>≡</sup>,7R,8aS<sup>≡</sup>, -2-((R)-2,6-dimethylhept-5-enyl)-4,4,7-trimethylhexohydro-benzo[1,3]dioxin (cis-(+)-citronellal-p-mentha-3,8-diylacetal, Structure 57) or (2<sup>≡</sup>,4aR<sup>≡</sup>,7R,8aR<sup>≡</sup>, -2-((S)-2,6-dimethylhept-5-enyl)-4,4,7-trimethylhexohydro-benzo[1,3]dioxin (trans-(-)-citronellal-p-mentha-3,8-diylacetal, Structure 58) or (2<sup>≡</sup>,4aR<sup>≡</sup>,7R,8aS<sup>≡</sup>, -2-((S)-2,6-dimethylhept-5-enyl)-4,4,7-trimethylhexohydro-benzo[1,3]dioxin (cis-(-)-citronellal-p-mentha-3,8-diylacetal, Structure 59) or containing a mixture of them.

31. (Withdrawn) The method of claim 1, wherein said insect repellent further comprises octanoic acid (caprylic acid) or decanoic acid (capric acid)

32. (Withdrawn) The method of claim 1, wherein said insect repellent further comprises a benzoate.